

Instruction Sheet for the Candidate

Qualification	Tunnel Farming, Greenhouse & Agribusiness (Level-5)
Competency Standard	Install Low Tunnel
Purpose of Assessment	Formative Assessment
Candidate Details	Name_____ Registration/Roll Number_____
Guidance for Candidate	<p>To meet this standard, you are required to complete the following within time frame (for practical demonstration & assessment):</p> <ol style="list-style-type: none"> 1. Prepare work plan for low tunnel installation 2. Perform transportation of materials for low tunnel installation 3. Implement layout plan as per design 4. Perform installation of bamboo/mulberry structure for low tunnel 5. Perform installation of iron structure for low tunnel
Time: 03 Hrs.	<p>During a practical assessment, under observation by an assessor, you are required to:</p> <p>1. Prepare work plan for low tunnel installation</p> <ul style="list-style-type: none"> • Identify and arrange required tools and equipment before installation • Perform calibration of instruments if required • Perform quality checks • Prepare plan for required task • Ensure required safety standards
Minimum Evidence Required	<p>2. Perform transportation of materials for low tunnel installation</p> <ul style="list-style-type: none"> • Ensure safe loading of material • Ensure safe transport of material for installation at site as per recommendation • Ensure safe unloading of material • Ensure safe placement of material at site. • Ensure PPEs <p>3. Implement layout plan as per design</p> <ul style="list-style-type: none"> • Understanding of layout design • Demarcation on site before installation • Demarcation on site before installation • Perform placement of material in field as per recommendation

	<ul style="list-style-type: none"> • Ensure PPEs. <p>4. Perform installation of bamboo/mulberry structure for low tunnel</p> <ul style="list-style-type: none"> • Install the bamboo/mulberry sticks in field as per recommendation • Perform fixing of sticks with plastic wire. • Perform polythene plastic covering as per recommendation. • Perform post installation practices as per standards • Ensure PPEs. <p>5. Perform installation of iron structure for low tunnel</p> <ul style="list-style-type: none"> • Install the iron rod in field as per recommendation • Perform fixing of sticks with suitable wire. • Perform polythene plastic covering as per recommendation. • Perform post installation practices as per standards • Ensure PPEs.
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Self-Assessment Checklist

Candidate Name	
Registration No.	
Qualification	Tunnel Farming, Greenhouse & Agribusiness (Level-5)
Competency Standard	Install Low Tunnel
Purpose of Assessment	Formative Assessment
Assessment Task	<ol style="list-style-type: none"> 1. Prepare work plan for low tunnel installation 2. Perform transportation of materials for low tunnel installation 3. Implement layout plan as per design 4. Perform installation of bamboo/mulberry structure for low tunnel 5. Perform installation of iron structure for low tunnel

I can.....

Performance Criteria	Yes	No
1. Identify and arrange required tools and equipment before installation	<input type="checkbox"/>	<input type="checkbox"/>
2. Perform calibration of instruments if required	<input type="checkbox"/>	<input type="checkbox"/>
3. Perform quality checks	<input type="checkbox"/>	<input type="checkbox"/>
4. Prepare plan for required task	<input type="checkbox"/>	<input type="checkbox"/>
5. Ensure required safety standards	<input type="checkbox"/>	<input type="checkbox"/>

6. Ensure safe loading of material	<input type="checkbox"/>	<input type="checkbox"/>
7. Ensure safe transport of material for installation at site as per recommendation	<input type="checkbox"/>	<input type="checkbox"/>
8. Ensure safe unloading of material	<input type="checkbox"/>	<input type="checkbox"/>
9. Ensure safe placement of material at site.	<input type="checkbox"/>	<input type="checkbox"/>
10. Ensure PPEs	<input type="checkbox"/>	<input type="checkbox"/>
11. Understanding of layout design	<input type="checkbox"/>	<input type="checkbox"/>
12. Demarcation on site before installation	<input type="checkbox"/>	<input type="checkbox"/>
13. Demarcation on site before installation	<input type="checkbox"/>	<input type="checkbox"/>
14. Perform placement of material in field as per recommendation	<input type="checkbox"/>	<input type="checkbox"/>
15. Ensure PPEs.	<input type="checkbox"/>	<input type="checkbox"/>
16. Install the bamboo/mulberry sticks in field as per recommendation	<input type="checkbox"/>	<input type="checkbox"/>
17. Perform fixing of sticks with plastic wire.	<input type="checkbox"/>	<input type="checkbox"/>
18. Perform polythene plastic covering as per recommendation.	<input type="checkbox"/>	<input type="checkbox"/>
19. Perform post installation practices as per standards	<input type="checkbox"/>	<input type="checkbox"/>
20. Ensure PPEs.	<input type="checkbox"/>	<input type="checkbox"/>
21. Install the iron rod in field as per recommendation	<input type="checkbox"/>	<input type="checkbox"/>
22. Perform fixing of sticks with suitable wire.	<input type="checkbox"/>	<input type="checkbox"/>
23. Perform polythene plastic covering as per recommendation.	<input type="checkbox"/>	<input type="checkbox"/>
24. Perform post installation practices as per standards	<input type="checkbox"/>	<input type="checkbox"/>
25. Ensure PPEs.	<input type="checkbox"/>	<input type="checkbox"/>

Candidate's Signature _____ Assessor's Signature _____

Date: _____

Assessors Judgment Guide

Qualification	Tunnel Farming, Greenhouse & Agribusiness (Level-5)
Competency Standard	Install Low Tunnel
Purpose of Assessment	Formative Assessment
Candidate Details	Name: _____ Registration/Roll Number: _____ Signature: _____
Assessment Outcome	COMPETENT <input type="checkbox"/> NOT YET COMPETENT <input type="checkbox"/> Name of the Assessor _____ Assessor's code: _____ Signature: _____

Assessment Summary (to be filled by the assessor)							
Activity	Method					Result	
Nature of Activity	Written	Oral	Observation	Portfolio	Role Play	Competent	Not Yet Competent
Practical Skill Demonstration			✓				
Knowledge Assessment		✓					
Other Requirement							

Observation Checklist

Assessment Task	1. Prepare work plan for low tunnel installation 2. Perform transportation of materials for low tunnel installation 3. Implement layout plan as per design 4. Perform installation of bamboo/mulberry structure for low tunnel 5. Perform installation of iron structure for low tunnel			
During the practical assessment, candidate demonstrated the following:		Yes	No	Remarks
1.	Identify and arrange required tools and equipment before installation	<input type="checkbox"/>	<input type="checkbox"/>	
2.	Perform calibration of instruments if required	<input type="checkbox"/>	<input type="checkbox"/>	
3.	Perform quality checks	<input type="checkbox"/>	<input type="checkbox"/>	
4.	Prepare plan for required task	<input type="checkbox"/>	<input type="checkbox"/>	
5.	Ensure required safety standards	<input type="checkbox"/>	<input type="checkbox"/>	
6.	Ensure safe loading of material	<input type="checkbox"/>	<input type="checkbox"/>	
7.	Ensure safe transport of material for installation at site as per recommendation	<input type="checkbox"/>	<input type="checkbox"/>	
8.	Ensure safe unloading of material	<input type="checkbox"/>	<input type="checkbox"/>	
9.	Ensure safe placement of material at site.	<input type="checkbox"/>	<input type="checkbox"/>	
10.	Ensure PPEs	<input type="checkbox"/>	<input type="checkbox"/>	
11.	Understanding of layout design	<input type="checkbox"/>	<input type="checkbox"/>	
12.	Demarcation on site before installation	<input type="checkbox"/>	<input type="checkbox"/>	
13.	Demarcation on site before installation	<input type="checkbox"/>	<input type="checkbox"/>	
14.	Perform placement of material in field as per recommendation	<input type="checkbox"/>	<input type="checkbox"/>	
15.	Ensure PPEs.	<input type="checkbox"/>	<input type="checkbox"/>	
16.	Install the bamboo/mulberry sticks in field as per recommendation	<input type="checkbox"/>	<input type="checkbox"/>	

17.	Perform fixing of sticks with plastic wire.	<input type="checkbox"/>	<input type="checkbox"/>	
18.	Perform polythene plastic covering as per recommendation.	<input type="checkbox"/>	<input type="checkbox"/>	
19.	Perform post installation practices as per standards	<input type="checkbox"/>	<input type="checkbox"/>	
20.	Ensure PPEs.	<input type="checkbox"/>	<input type="checkbox"/>	
21.	Install the iron rod in field as per recommendation	<input type="checkbox"/>	<input type="checkbox"/>	
22.	Perform fixing of sticks with suitable wire.	<input type="checkbox"/>	<input type="checkbox"/>	
23.	Perform polythene plastic covering as per recommendation.	<input type="checkbox"/>	<input type="checkbox"/>	
24.	Perform post installation practices as per standards	<input type="checkbox"/>	<input type="checkbox"/>	
25.	Ensure PPEs.	<input type="checkbox"/>	<input type="checkbox"/>	
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>		

Knowledge Assessment

Qualification	Tunnel Farming, Greenhouse & Agribusiness (Level-5)
Competency Standard	Install Low Tunnel
Purpose of Assessment	Formative Assessment
Candidate Details	Name: _____ Registration/Roll Number: _____ Candidate Signature: _____
Assessment Outcome	COMPETENT <input type="checkbox"/> NOT YET COMPETENT <input type="checkbox"/> Name of the Assessor: _____ Assessor's code: _____ Signature of the Assessor: _____

Candidate's response is not required to be identical, but similar concepts and/or keywords must be used. Oral questioning may be used to clarify candidate understanding of topic and its application.

Questions (Candidate confidently answered questions correctly and demonstrated understanding of the topics and their application)		Satisfactory	Not Satisfactory
1.	What are general requirements of low tunnel installation?		
2.	What is the risk involved in installation of low tunnel?		
3.	What is the maintenance of workplace and also write hygienic conditions of work place?		
4.	What is the duration of shelf life of low tunnel?		
5.	What are standard procedures for installation of low-tunnel according to provided design?		

Feedback to the Candidate
Candidate's Signature _____ Assessor's Signature _____